



September 2012

NEWS

California State University Los Angeles EcoCAR 2 Team Provides an Update



The CSULA team is starting the second year of the EcoCAR 2: Plugging In To the Future competition, in which 15 universities in North America are presented with the challenge of modifying a 2013 Chevy Malibu, donated by General Motors, into a plug-in hybrid. The CSULA team is the only team from California, and the students are hard at work finalizing their designs and testing the vehicle in order to set benchmarks.

The team is excited to partner with the LA Cleantech Incubator, the team's first in-kind sponsor, which will mentor the team and provide access to its network of experts in the field as well as capital. "We are building a foundation regionally to be successful in

Clean Cities Mission

The SCAG Clean Cities Coalition was designated by the U.S. Department of Energy (DOE) and supports locally based government/industry partnerships in the expanded use of vehicles operating on alternative fuels. The mission of the Clean Cities Program is to advance the nation's economic, environmental, and energy security by supporting local decisions to adopt practices that contribute to the reduction of petroleum consumption.

SCAG staff coordinates the efforts of the SCAG Clean Cities Coalition and provides the necessary support to members and participants of the Clean Cities Program. SCAG looks forward to continuing working with each of you in carrying out the Clean Cities program activities. For more information, please contact Matt Horton at (213) 236-1980 or horton@scag.ca.gov.

SCAG CLEAN CITIES PROJECT UPDATES

Energy Commission Awards More Than \$23 Million to Encourage Use of Alternative Transportation Fuels (June 13, 2012)

Sysco Food Services of Los Angeles, Inc., will receive \$600,000 to develop a 24-hour publicly accessible liquefied natural gas station in Riverside. This station along the I-215 corridor in the Inland Empire will serve vehicles moving goods at the ports of Long Beach and Los Angeles, and will complement clean truck programs at the ports. The station, which will make liquid natural gas trucks more attractive to hauling operators, is expected to displace more than 812,500 gallons of diesel fuel per year, and reduce greenhouse gas emissions by 2,400 metric tons per year. Sysco Food Services of Los Angeles, Inc., is based in Walnut, in eastern Los Angeles County.

The South Coast Air Quality Management District will receive \$217,000 to establish a compressed natural gas fueling station in the city of Murrieta in the Riverside area, near Interstate 15 and Interstate 215, along which many goods are hauled. This area has limited natural gas fueling options, creating a barrier for increased use of natural gas-fueled vehicles, including heavy-duty trucks. It is projected that this single station will displace 184,569 gallons of imported diesel fuel per year and reduce greenhouse gas emissions. The publicly accessible station will be installed at a Southern California Gas Company facility and will be open 24 hours daily.

The City of Riverside will receive \$200,000 to construct a compressed natural gas station at the city's water quality control plant. The station will be used for city fleet vehicles and also be accessible to the public 24 hours daily. Currently, the city has just one publicly accessible station for natural gas fueling. It is frequently so busy that school buses line up in the street waiting to fuel. The quantity of fuel dispensed at the station has increased 19-fold since it opened in 2004.

this second year of the competition. Part of that means seeking sponsorship in order to accomplish some of our goals," said Abraham Vargas, Business Manager for the CSULA EcoCAR 2 Team. "The LA Cleantech Incubator is in the business of putting clean technology companies through their paces, and we look forward to their insight and experience in the field."

A few CSULA EcoCAR2 Team members will be attending the AltCAR Expo in Santa Monica on Sept. 28-29. At the same time, other team members will travel to the MathWorks' campus – an EcoCAR2 competition sponsor – in Natick, MA to attend trainings on various design software and media training.

"What is unique about this competition is the wide range of fields of study involved. We have engineers creating programs and handling CAD elements, while business students work with graphic design, budgets and market research," said Vargas. "It is a great opportunity to work on a project that closely parallels how the industry functions."

To learn more about the EcoCAR2 team, please contact Abraham Vargas at arielvargasruiz@gmail.com.

DHL Express Saves Carbon Emissions Across the Country with 100 Propane Autogas Vans

Source: www.energy.ca.gov

FUNDING OPPORTUNITIES

Mobile Source Air Pollution Reduction Committee (MSRC)

The MSRC has several grants currently available, including an incentive to purchase "near-zero emission" medium-duty and medium-heavy-duty vehicles.

Anyone proposing an effective project that meets the solicitation/RFP requirements and is designed to directly benefit the residents and communities within the South Coast Air District may apply for MSRC funding. These include local governments, other government agencies, private-sector businesses, non-profit organizations and research institutions. Proposals most likely to be funded are those that offer significant measurable vehicle emission reductions, are cost-effective and have considerable, verified co-funding.

For more information, please visit:
www.cleanttransportationfunding.com.

California Hybrid and Zero-Emission Truck and Bus Voucher Incentive Program

The California Air Resources Board recently announced the continuation of the Hybrid and Zero-Emission Truck and Bus Voucher Incentive Program (HVIP). CALSTART is the administrator of the program and is launching a full-scale outreach effort to fleets, OEMs and dealers to make them aware of the changes and the additional funding.

There is currently over \$19 million dollars in funding available; Fleets interested in purchasing vehicles can potentially save \$85,000 off the cost of an electric truck, or \$40,000 off the cost of hybrid truck.

The newly expanded program offers several additional enhancements, including:

- Significantly higher voucher amounts for zero-emission trucks and buses
- Additional voucher funding for hydraulic and plug-in hybrid vehicles
- HVIP-eligibility for a new class of plug-in hybrid vehicles between 6,001 and 8,500 lbs.
- Additional funding for HVIP-eligible work vehicles with exportable power
- HVIP-eligibility for aerial boom vehicles with zero-emission power take-off

For more information, please contact Megan Maguire at (303) 503-2287 or mmaguire@Calstart.org.

Find out more about HVIP at www.californiahvip.org.

UPCOMING EVENTS

Hybrid, Electric, and Advanced Truck Users Forum (HTUF), Sept. 18-20, 2012

Designed as a one-stop shop for fleet and industry professionals looking to make intelligent business decisions, HTUF 2012 will provide the information, context and tools you need to navigate the rapidly changing advanced truck marketplace.

HTUF 2012 will feature as guest speaker Hon. Katharine Hammack,

The world's leading international express services provider is fueling with propane autogas.



DHL Express recently placed into service 100 new Ford E-250 cargo vans, each equipped with a ROUSH CleanTech dedicated liquid propane autogas fuel system.

Each propane autogas vehicle saves DHL Express more than 22,587 pounds of carbon dioxide emissions annually. DHL expects a 42 percent fuel cost reduction on a per mile basis and 28 percent vehicle operating cost per mile improvement overall while using this clean, American-made alternative fuel.

DHL has long been an advocate of sustainable business procedures. They currently operate more than 4,000 non-conventional vehicles that are powered by alternative fuels or modified for improved fuel efficiency, including an all-green fleet in Manhattan with 50 hybrid vans and 30 battery-powered electric trucks.

The vehicles will support their pickup and delivery service within California, Florida, Georgia, Missouri

the Assistant Secretary of the Army for Installations, Energy and Environment. Hammack is the primary adviser to the Secretary of the Army, and the Army Chief of Staff on all matters related to Installation policy, oversight and coordination of energy security and management. Hammack is responsible for policy and oversight of sustainability and environmental initiatives and resource management.

HTUF 2012 will feature the latest real-world market demand data for hybrid and electric trucks:

- Hands-on tools for making the best business decisions for fleets
- Funding and incentive information and guidance
- Industry action and policy updates
- 50,000 sq. feet of technology exhibits and the first ever HTUF Ride and Drive on a professional speedway track
- Gala reception at the NASCAR Hall of Fame, free screening of Revenge of the Electric Car and more!

Fleet Managers can take advantage of a Special Fleet Registration Rate of \$249, a savings of \$550!

For more information about HTUF, please visit:
conference.stagedrighthevents.com.

Event registration contact: Amy Miller (954) 404-8252,
amy@stagedrighthevents.com.

**2012 ALTCAR Expo & Conference,
Sept. 28-29, 10:00 a.m. – 5:00 p.m.,
Santa Monica Civic Auditorium**

**Featuring SCAG Clean Cities Stakeholder Breakfast,
September 28th (see details below)**

A rare opportunity to test drive the latest and most technologically advanced vehicles will be offered to Southern California residents at the Seventh Annual Alternative and Transportation (ALTCAR) Expo and Conference, Sept. 28-29. Assembling the largest collection of hydrogen, electric, propane, biodiesel, hybrid, ethanol and natural gas vehicles on the West Coast, this year's ALTCAR Expo will include more than 35 retailers on display featuring alternative fuel offerings from GM, Nissan, Honda, Toyota, Ford and BMW along with alternative companies like CODA and Wheego. The show will also include actuating panels of experts addressing solutions to energy and transportation issues. ALTCAR is the best-attended and the most extensive presentation of across-the-board alternative technology vehicles, alternative transportation, urban planning, energy efficiency and carbon footprint reduction options education. Participants also have the opportunity to hear from alternative transportation experts on how to use less energy and reduce carbon footprints without making big lifestyle changes. This zero-waste event is free and open to the public.

The event features:

- Ride & Drive—consumers can drive (free) the newest sustainable options from major manufacturers and alternative companies, with many cars for sale at the show
- Exhibits featuring presentations with the latest in electric, hydrogen, natural gas, propane, hybrid, plug-in, and cycling technologies in both transportation and infrastructure
- New, dedicated electric motorcycle and electric bike section
- Popular Annual Tech Debate
- Information regarding purchasing an alternative fuel vehicle and

and Texas. DHL Express plans to use existing public refueling infrastructure and add refueling capability at its service center facilities.

Propane autogas is a low carbon fuel that reduces greenhouse gases by up to 25 percent, carbon monoxide by up to 60 percent, nitrogen oxide by 20 percent and virtually eliminates particulate matter when compared to conventional fuels. In addition, propane is non-toxic and does not harm soil or groundwater.

charging and filling options

- AAA's new fast charge mobile truck

For more information about the AltCar Expo, visit www.altcarexpo.com, call Platia Productions at (310) 390-2930 or email platia@earthlink.net. Download the [Save-The-Date note here](#).

Source: [AltCar Media Advisory](#)

SCAG Clean Cities Stakeholder Breakfast, Sept. 28, 8:00 a.m., Santa Monica Civic Auditorium

Join the SCAG Clean Cities Coalition for a stakeholder breakfast featuring information on upcoming funding opportunities from CALSTART.

RSVP to Matt Horton at horton@scag.ca.gov by Tuesday, Sept. 25

2012 Green Fleet Conference Oct. 2-3, Schaumburg, IL

The 2012 Green Fleet Conference is coming up in just a little over a month! Set for Oct. 2-3 in Schaumburg, Ill., organizers expect to exceed last year's attendance, which totaled more than 550 fleet professionals.

Check out what's in store for this year's conference:

- [MotorWeek Host & FedEx Sustainability VP to Speak at 2012 Green Fleet Conference](#)
- [Real-World Strategies for Deploying Electric Vehicles](#)
- [OEMs Talk Green Truck Products & Technologies](#)
- [Can Biodiesel Work for Your Fleet?](#)
- [How to Work with Suppliers to Maximize Sustainability Goals](#)
- [Tips for Selling Used Hybrids & Other Alt-Fuel Vehicles](#)

Register by Sept. 7 and receive a \$100 discount off the price of a full conference pass. For a detailed list of registration fees, visit www.greenfleetconference.com. Discounted room rates at the Renaissance Schaumburg Convention Center Hotel are also available at \$190 per night until Sept. 14. More details are available at www.greenfleetconference.com.

Follow us on   and at www.scag.ca.gov/cleancities.

EVENTS

SEPTEMBER

18-20 Hybrid, Electric, and Advanced Truck Users Forum (HTUF)

28-29 2012 ALT CAR Expo & Conference

OCTOBER

2-3 2012 Green Fleet Conference



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